

KEMET Part Number: SMC10.2224J100A31TR16
(F125WP224J100V)

Film, Metallized PPS, Commercial Grade, SMC/F125, 0.22 uF, 5%, 100 V, 63 V, 100C, 4036, 5.5mm



Note: '()' correspond to the letters used in the product bulletin

| Dimensions | |
|------------|-----------------|
| Chip Size | 4036 |
| L | 10.2mm +/-0.2mm |
| W | 9.1mm +/-0.2mm |
| T | 5.5mm +/-0.2mm |
| F | 0.5mm NOM |

| Packaging Specifications | |
|--------------------------|-----|
| Packaging: | T&R |
| Packaging Quantity: | 800 |

| General Information | |
|---------------------|----------------|
| Dielectric: | Metallized PPS |
| Style: | SMD Chip |
| Series: | SMC/F125 |
| Features: | High Stability |
| RoHS: | Yes |
| Approvals: | AEC-Q200 |
| AEC-Q200: | Yes |

| Specifications | |
|------------------------|--------------------------------------|
| Capacitance: | 0.22 uF |
| Capacitance Tolerance: | 5% |
| Voltage DC: | 100 VDC |
| Voltage AC: | 63 V |
| Temperature Range: | -55/+125C |
| Rated Temperature: | 100C |
| Dissipation Factor: | 0.15% 1kHz, 0.25% 10kHz, 0.6% 100kHz |
| Insulation Resistance: | 15 GOhms |
| Max dVdt: | 6 V |